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**CONFIRMATION NO. 5011**

28731  
 LEE WEINSTEIN  
 35 FAIRMONT ST #3  
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**FILING RECEIPT**



\*OC000000012700749\*

Date Mailed: 05/18/2004

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**Applicant(s)**

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**Domestic Priority data as claimed by applicant**

This appln claims benefit of 60/463,525 04/17/2003

← Should be #60/467,729

Filed May 2, 2003

**Foreign Applications**

**If Required, Foreign Filing License Granted: 05/18/2004**

**Projected Publication Date: To Be Determined - pending completion of Corrected Papers**

**Non-Publication Request: No**

**Early Publication Request: No**

**\*\* SMALL ENTITY \*\***

**Title**

Method and apparatus for optical odometry



## METHOD AND APPARATUS FOR OPTICAL ODOMETRY

This application claims priority to provisional application #60/463,525467,729, filed April 17May 2, 2003, titled "Method and Apparatus for Optical Odometry".

Inventors: Kenneth Sinclair, Jay Gainsboro, Pace Willisson, Lee Weinstein

### Field of the Invention

**[001]** The field of the invention relates to odometry, image processing, and optics, and more specifically to optical odometry.

### Background of the Invention

**[002]** The dictionary defines an odometer as an instrument for measuring distance, and gives as a common example an instrument attached to a vehicle for measuring the distance that the vehicle travels. Indeed an odometer is a legally required instrument in all commercially sold vehicles. In passenger cars, the odometer may serve several useful functions. In one application, as a consumer purchases a used car, the odometer reading allows the consumer to measure how "used" a car actually is. In another application, a consumer may use a car odometer as a navigation aid when following a set of driving directions to get to a destination. In another application, a consumer may use odometer readings as an aid in calculating tax-deductible vehicle expenses.

**[003]** Typical passenger car odometers function by directly measuring the accumulated rotation of the vehicles wheels. Such a direct-mechanical-contact method of